

SWAMP FACILITY NO. 107  
SWAMP FACILITY NO. 107  
SEDIMENT BASIN & CPY  
TEMP. FACILITY FOR MAINTENANCE  
POOL FACILITY FOR MAINTENANCE  
ELY OWNED - 402-50  
BOTTOM ELEV. 402.00  
NET TOP ELEV. 402.80

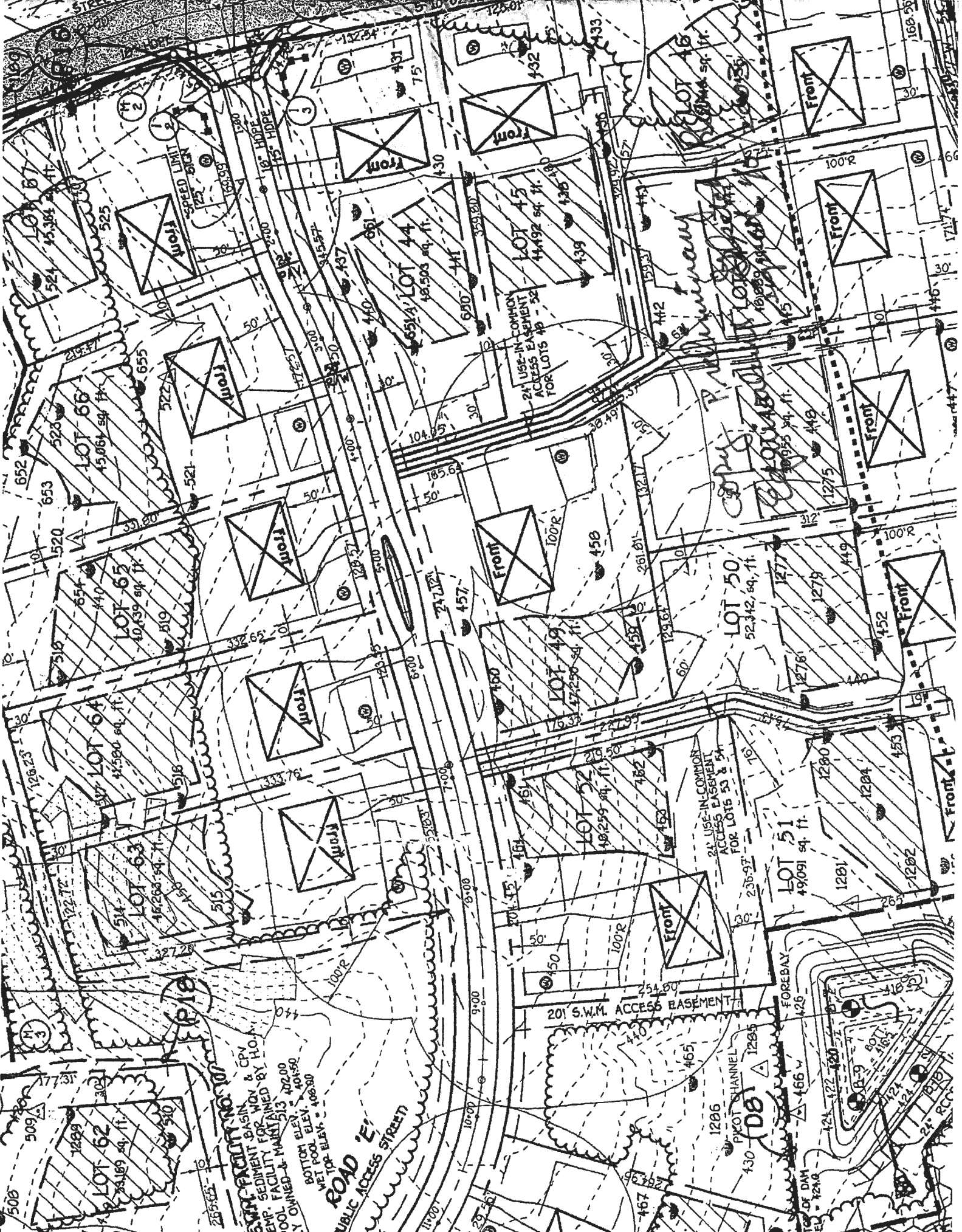
ROAD E  
PUBLIC ACCESS STREET

201 S.W.M. ACCESS EASEMENT

21' USE-IN-COMMON  
ACCESS EASEMENT  
FOR LOTS 50 & 51

21' USE-IN-COMMON  
ACCESS EASEMENT  
FOR LOTS 48 - 52

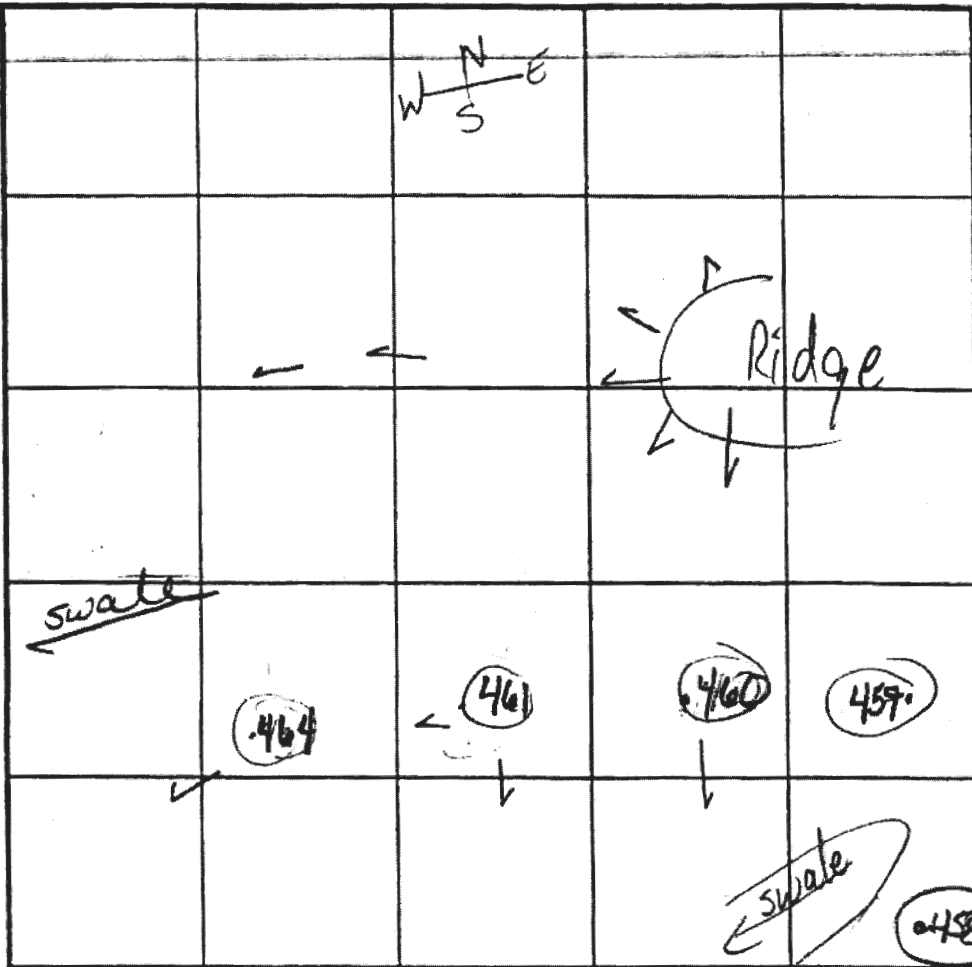
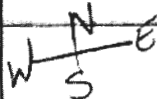
*Handwritten signature*  
C. P. ...



COUNTY #

SOIL PROFILE

(464)  
 Micaceous  
 SCL Lm  
 Rd Brn  
 tan  
 Rock Frag  
 10-15%  
 5'  
 Rock Frag  
 5-10%  
 SLM  
 org brn  
 tan  
 mica present  
 Bottom



SOIL PROFILE

(457)  
 Strong  
 red brn  
 CL Lm  
 Mn aggregates  
 5 1/2'  
 org brn  
 SCL Lm  
 TRACE  
 Rock  
 Frag  
 13 1/2'  
 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(461)

8"  
 Tipsoil  
 strong  
 org brn  
 CL Lm  
 Rock 5-10%

5'  
 lt beige  
 org brn  
 Lm  
 Rock  
 5-10%

12'  
 Bottom

(460)

5"  
 Topsoil  
 Granular  
 SLM  
 micaceous  
 10-15%  
 Rock Frag

6'  
 lt brn  
 white  
 org brn (lt)  
 micaceous  
 small rock  
 frags - pink  
 quartzite  
 15-20%  
 Bottom

(458) P.T.O.F REFERENCE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-16-01	(464)	5'S	12:31 <sup>00</sup>	12:32	12:32 <sup>00</sup>	12:33 <sup>45</sup>	1mm 45 sec
		13' Bottom					Pass
	(461)	5 1/2'S	12:45	12:54	12:54	1:24	30 min
		12' Bottom					OK @ 6'
	(460)	5'3"S	12:50 <sup>30</sup>	12:54	12:54	1:00	6 min
		13' Bottom					PASS
	(457)	5'3" S	1:02	1:02	Pulled		
		13 1/2' Bottom					OK @ 7'
	(457)	7'5"	1:31 <sup>30</sup>	1:41	1:41	2:07	26 min
							PASS

REMARKS Per Plan, Trace Rock Frag < 2% #461 bottom @ 6' - <sup>shelf</sup> much better soil

TYPE OF SOIL \_\_\_\_\_ HOLES PER PLAN \_\_\_\_\_

TESTED BY Goedeking ALSO PRESENT Chuck C.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH MIKE J crew

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SO FT/BEDROOM \_\_\_\_\_

COUNTY #

SOIL PROFILE

463 462

0' orge  
brn  
sac l m  
10-20%  
frags

5 beige  
tan wh.  
sand l m  
10-15%  
frags

14 459

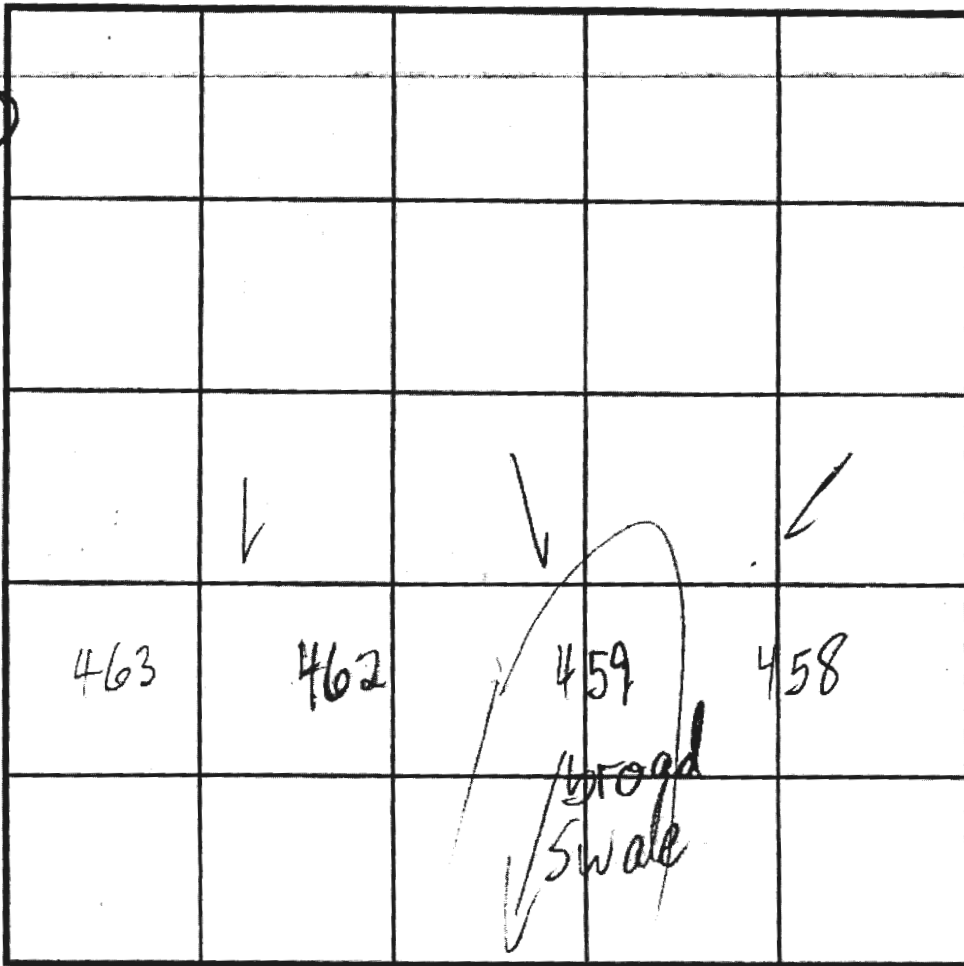
brn  
orge red  
cl l m  
10% frags

25 orge brn  
sa l m  
10%  
frags

32

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/16/01	463	5'9" / 14	2:07	2:09	2:09	2:11	2
	462	5 1/2' / 14	2:12	2:14	2:14	2:21	7
	459	5'9" / 13	2:20	2:22	2:22	2:26	4
	458	4 1/2' / 5	2:25 2:41	2:32 2:51	2:41 2:41	SLOW SLOW	
	458	5 1/2'	2:59	3:02	3:02	3:12	10

REMARKS ALL HOLES PER PLAN

TYPE OF SOIL

TESTED BY Mark RIFKIN ALSO PRESENT Chuck Crowe  
Mike Sacrew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, April 12, 2023 10:36 AM  
**To:** Lauren Anderson  
**Cc:** karen@transformingarchitecture.com  
**Subject:** Perc Cert Plan\_11223 Independence Way

Hi Lauren:

The perc cert plan for 11223 Independence Way has been reviewed with the following comments:

1. Show contour lines beyond the lot lines. We need to see if there is a roadside swale in front of the property. Please note that well sites must be at least 50 feet from any roadside swale.
2. Show road lines. Well sites must be at least 15 feet from the road.
3. Add a symbol to legend for property lines.
4. If the SDA's located on lots to the left of the property are more than 100 feet from the property line, add a note indicating this on that side of plan.
5. Reduce size of perc test hole symbols on plan. Please note, the passed perc test hole symbol is usually represented as a half-filled in circle.
6. Perc test hole labeled #475 should be labeled #457.
7. Add label to the gap between this lot and lot 52. It appears to be a private drive serving the rear lots.
8. What is the purpose of the #s 460, 459, and 458 located inside and near the SDA?
9. Add elevation #'s next to each perc test hole. In general, add elevation #s to the contour lines.
10. Note #5. Replace the word "easement" with "disposal area".
11. Delete quotes & period below signature line. It should read;  
**Health Officer, Howard County Health Department**
12. Delete "Howard Co Health Department" after the word "...systems." in signature block. It's already shown below the signature line.

Should you have any questions, please don't hesitate to ask.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Bureau of Environmental Health  
Howard County Health Department  
8930 Stanford Blvd. Columbia, MD 21045  
(410) 313 - 1786  
[www.hchealth.org](http://www.hchealth.org)

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## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Tuesday, May 30, 2023 12:11 PM  
**To:** Lauren Anderson  
**Cc:** Karen Mosel  
**Subject:** RE: Perc Cert Plan\_11223 Independence Way

Hi Lauren:

You will need to revise the building permit plot plan. You could use the approved perc cert plan, but you will have to scale the paper size down a bit for the permit office. On another note, has the description of work changed? Is there a pool house? If there isn't a pool house, please contact the permit office and have them remove it from the work description.

Please let me know if you have any questions.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Bureau of Environmental Health  
Howard County Health Department  
8930 Stanford Blvd. Columbia, MD 21045  
(410) 313 - 1786  
[www.hchealth.org](http://www.hchealth.org)

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**From:** Lauren Anderson <lauren@transformingarchitecture.com>  
**Sent:** Tuesday, May 30, 2023 11:22 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Cc:** Karen Mosel <karen@transformingarchitecture.com>  
**Subject:** Re: Perc Cert Plan\_11223 Independence Way

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hi Hank,

I hope you had a great long weekend! I got a phone call last week from your department saying the Perc Cert was approved and ready for pickup, but Accela is still waiting for approval and the permit has yet to be issued. Can you advise on how best to move forward?

Warm regards,



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MD 20777  
301-776-2666  
info@TransformingArchitecture.com  
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STAMP

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 13662, EXPIRATION 10-22-2023.

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PROJECT PHASE

PERMIT

PROJECT TITLE

THE AMES RESIDENCE

11223 Independence Way  
Ellicott City, MD 21042

REVISIONS

SYMBOL	DATE	ISSUED FOR

PROJECT NUMBER 21-633

DATE 5/8/2023

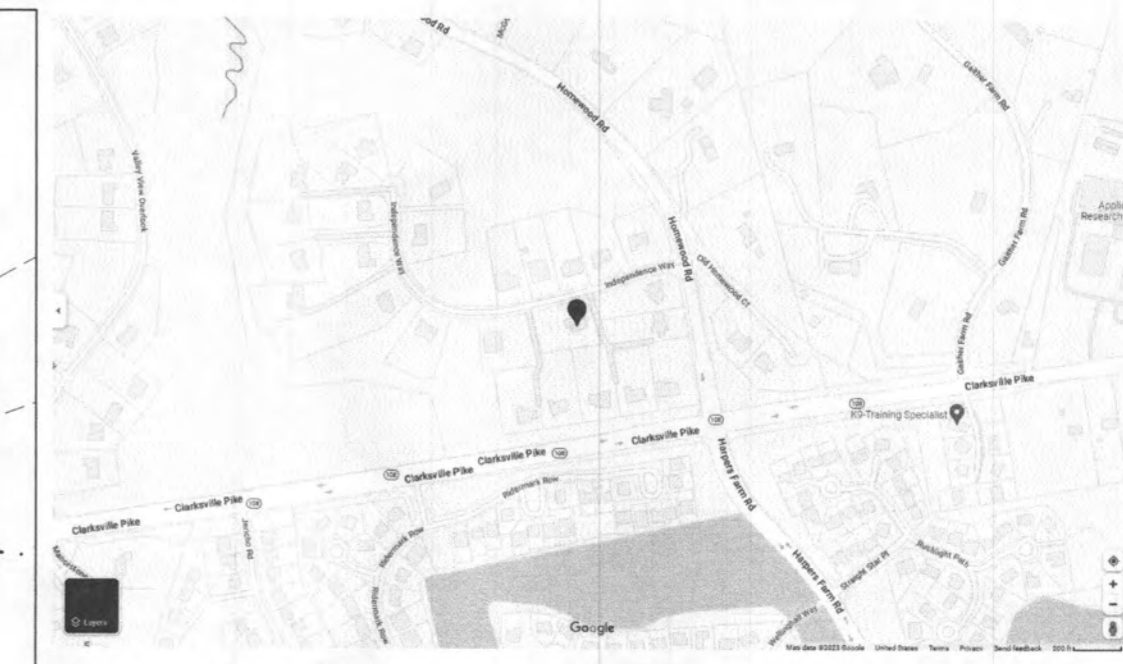
SCALE AS NOTED

DRAWING TITLE

PERC CERT PLAN + NOTES

SHEET NUMBER

A-108



2 VICINITY MAP

SCALE: NTS

LEGEND

- WELL
- ▭ SEWAGE DISPOSAL AREAS
- PERC TEST HOLES
- PROPERTY LINES

NOTES

1. Wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown.
2. The existing well on the subject property has been field located and is accurately shown.
3. Topography on this plat is from HOWARD COUNTY CONTOURS (2018) and is verified to accurately represent the relative elevation changes on and near the subject property.
4. The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland Department of Environment.
5. Any changes to a private sewage disposal area shall require a revised percolation certification plan.
6. Certification of compliance with MDE ownership width and lot area requirements for lots created after 1985: The lot(s) shown herein complies/comply with the minimum ownership width and lot area as required by the Maryland Department of Environment.

MDE statement for lots created after March of 1972:

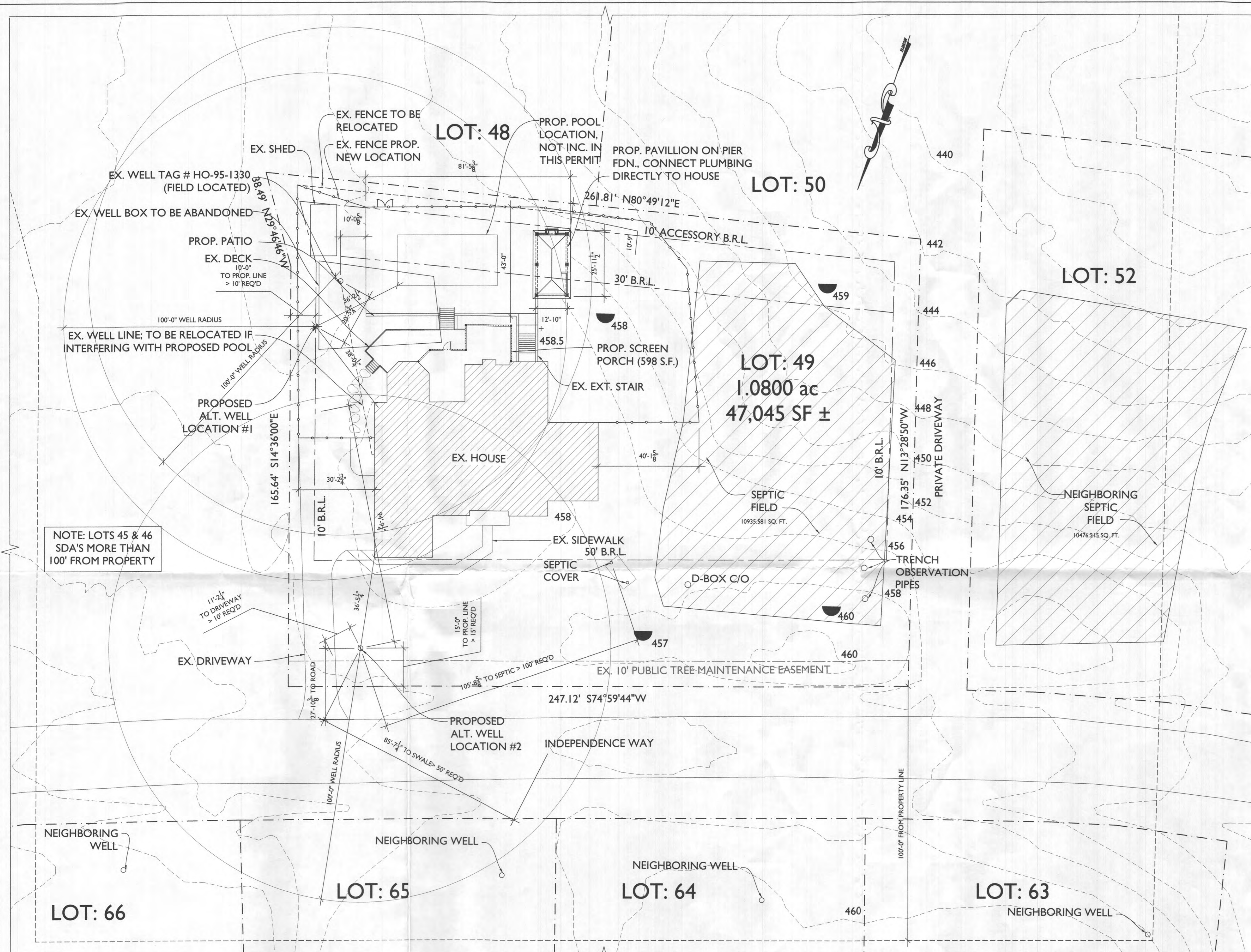
"This area designates a private sewage disposal area of at least 10,000 sq. ft. as required by the Maryland Department of Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This sewage disposal area shall become null and void upon connection to a public sewerage system. The County Health Officer shall have authority to grant adjustments to the private sewage easement. Recordation of a revised sewage easement shall not be necessary."

PURPOSE STATEMENT:  
ESTABLISH PROPOSED ALTERNATIVE WELL LOCATIONS IN PLACE OF WELL BOX TO SUPPORT PROPOSED POOL, SCREENED PORCH AND OUTDOOR PAVILLION

OWNER: MR. & MRS. SANFORD AND BETTYE AMES  
11223 INDEPENDENCE WAY  
ELLICOTT CITY, MD 21042

11223 INDEPENDENCE WAY  
ELLICOTT CITY, MD  
ZONING: RC  
TAX MAP: 0029, GRID: 0009,  
PARCEL: 0028  
PLAT NO: 18245

REF. BUILDING PERMIT # B23000041



1 PERC CERT PLAN

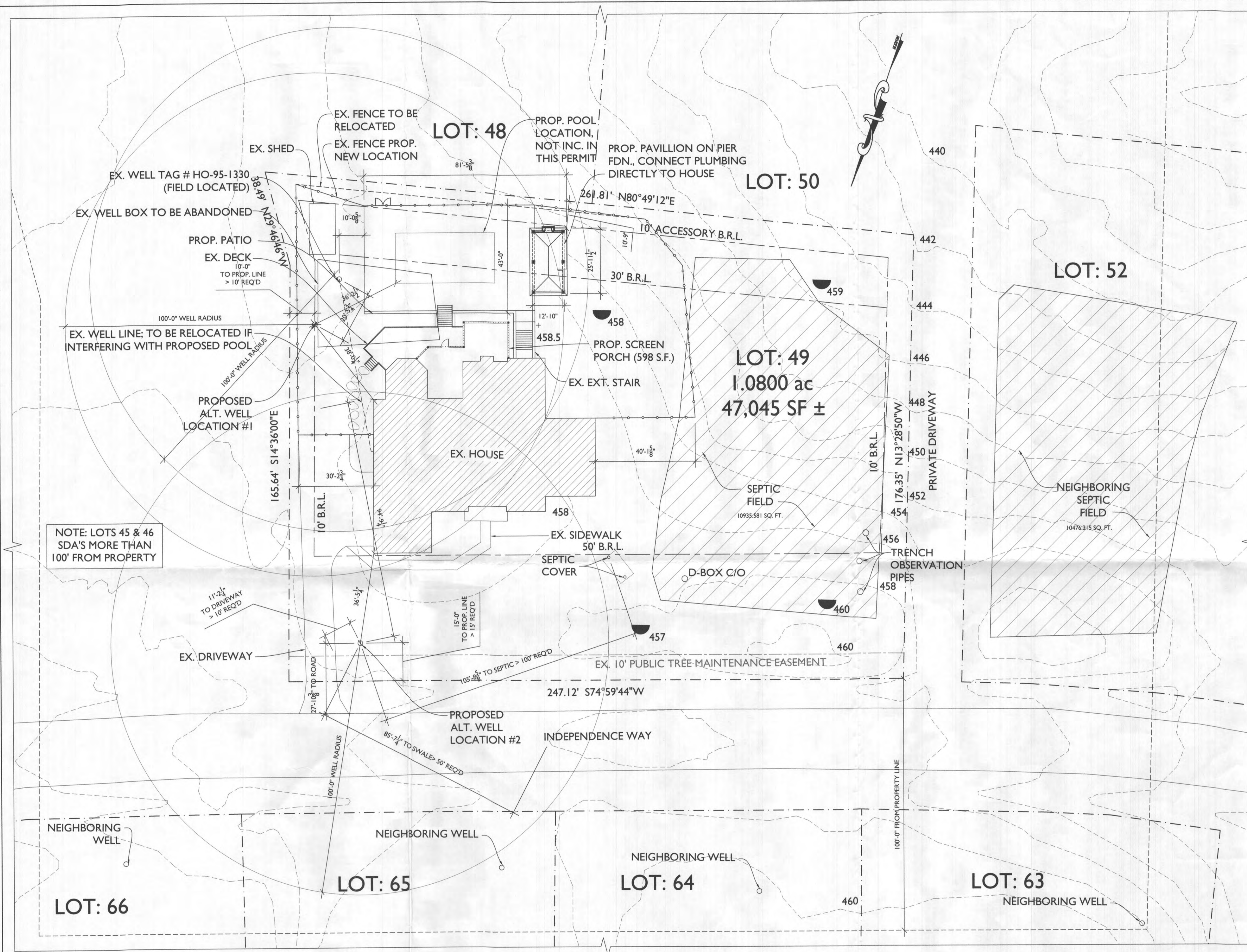
SCALE: 1" = 20'-0"

Approved for private water and private sewer systems.

Health Officer, Howard County Health Department  
Signature: [Signature]  
Date: 5/22/23

I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief.

Signature: [Signature]  
Date: 5/19/23



2 VICINITY MAP  
SCALE: NTS

- LEGEND**
- WELL
  - ▨ SEWAGE DISPOSAL AREAS
  - ◐ PERC TEST HOLES
  - - - PROPERTY LINES

- NOTES**
1. Wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown.
  2. The existing well on the subject property has been field located and is accurately shown.
  3. Topography on this plat is from HOWARD COUNTY CONTOURS (2018) and is verified to accurately represent the relative elevation changes on and near the subject property.
  4. The lot shown herein complies with the minimum ownership width and lot area as required by the Maryland Department of Environment.
  5. Any changes to a private sewage disposal area shall require a revised percolation certification plan.
  6. Certification of compliance with MDE ownership width and lot area requirements for lots created after 1985: The lot(s) shown herein complies/comply with the minimum ownership width and lot area as required by the Maryland Department of Environment.

MDE statement for lots created after March of 1972:  
 "This area designates a private sewage disposal area of at least 10,000 sq. ft. as required by the Maryland Department of Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This sewage disposal area shall become null and void upon connection to a public sewerage system. The County Health Officer shall have authority to grant adjustments to the private sewage easement. Recordation of a revised sewage easement shall not be necessary."

**PURPOSE STATEMENT:**  
 ESTABLISH PROPOSED ALTERNATIVE WELL LOCATIONS IN PLACE OF WELL BOX TO SUPPORT PROPOSED POOL, SCREENED PORCH AND OUTDOOR PAVILLION

OWNER: MR. & MRS. SANFORD AND BETTYE AMES  
 11223 INDEPENDENCE WAY  
 ELLICOTT CITY, MD 21042

11223 INDEPENDENCE WAY  
 ELLICOTT CITY, MD  
 ZONING: RC  
 TAX MAP: 0029, GRID: 0009,  
 PARCEL: 0028  
 PLAT NO: 18245



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PROJECT PHASE  
**PERMIT**

PROJECT TITLE  
**THE AMES RESIDENCE**

11223 Independence Way  
 Ellicott City, MD 21042

**REVISIONS**

SYMBOL	DATE	ISSUED FOR

PROJECT NUMBER 21-633  
 DATE 5/8/2023  
 SCALE AS NOTED

DRAWING TITLE  
**PERC CERT PLAN + NOTES**

SHEET NUMBER  
**A-108**

1 PERC CERT PLAN  
 SCALE: 1" = 20'-0"

Approved for private water and private sewer systems.  
  
 Health Officer, Howard County Health Department H. O.  
 5/22/23  
 (DATE)

I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief.  
  
 (SIGNATURE) 5/9/23 (DATE)

OWNER: MR. & MRS. SANFORD AND BETTYE AMES  
 11223 INDEPENDENCE WAY  
 ELLICOTT CITY, MD 21042

11223 INDEPENDENCE WAY  
 ELLICOTT CITY, MD  
 ZONING: RC  
 TAX MAP: 0029, GRID: 0009,  
 PARCEL: 002B  
 PLAT NO: 18245

**LEGEND**

• WELL

I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief.

(SIGNATURE) (DATE)

Approved for private water and private sewer systems, Howard County Health Department

(SIGNATURE) (DATE)



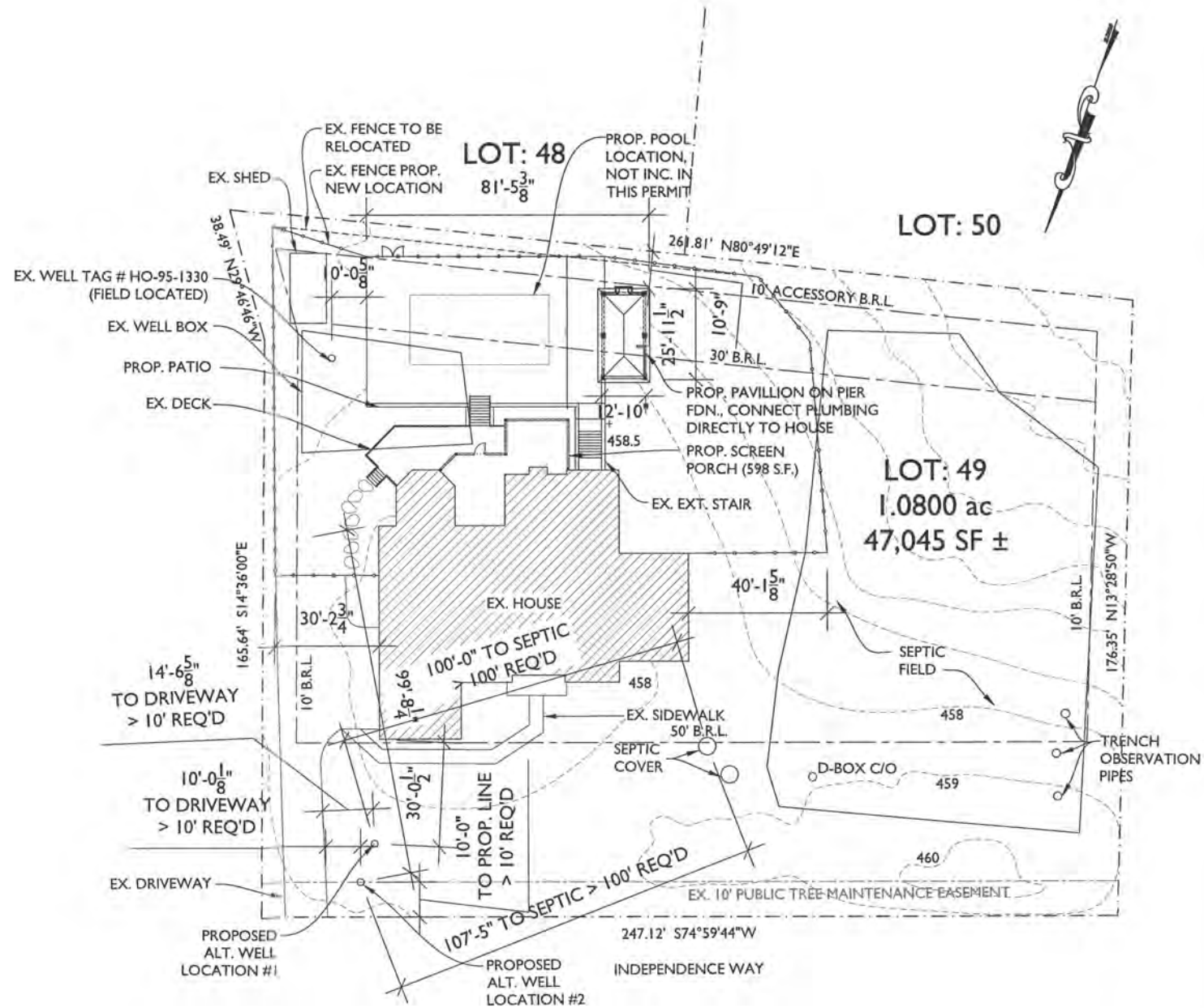
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Certification of compliance with MDE ownership width and lot area requirements for lots created after 1985:  
 The lot(s) shown herein complies/comply with the minimum ownership width and lot area as required by the Maryland Department of Environment

**NOTES**

- All existing wells on the subject property and within 100 feet of subject property boundaries are represented to the best of my knowledge and belief.
- The existing well on the subject property has been field located and is accurately shown.
- Topography on this plat is from HOWARD COUNTY CONTOURS (2018) and is verified to accurately represent the relative elevation changes on and near the subject property.
- The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland Department of Environment.
- Any changes to a private sewage easement shall require a revised percolation certification plan.

**PURPOSE STATEMENT:**  
 ESTABLISH PROPOSED ALTERNATIVE WELL LOCATIONS TO SUPPORT PROPOSED POOL, SCREENED PORCH AND OUTDOOR PAVILLION



1 PERC CERT PLAN  
 SCALE: 1" = 30'-0"



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PROJECT PHASE

PERMIT

PROJECT TITLE

THE AMES RESIDENCE

11223 Independence Way  
 Ellicott City, MD 21042

**REVISIONS**

SYMBOL	DATE	ISSUED FOR

PROJECT NUMBER 21-633

DATE 12/21/2022

SCALE AS NOTED

DRAWING TITLE

PERC CERT PLAN + NOTES

SHEET NUMBER

A-108